

Hit/Miss Data Inst LDR [Rm] MOV Data [Rm] 4:4 NA N/A CMP LOR[Rm] Mov CMP Miss N/A N/A Miss 24 LDR[RZ] MOV CMP Miss AIN 28 - Octo [R2] ANA N/A CICA

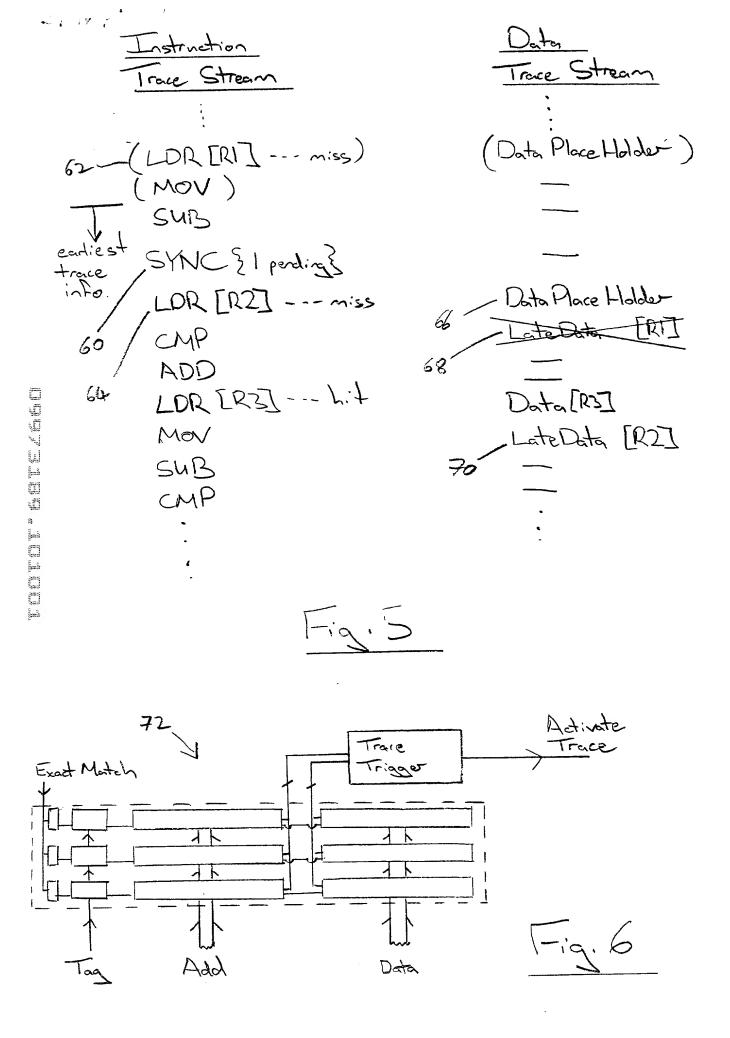
Fig. 2

Trace Stream 32 Data Place Holder Tag 1 LDR [R]-- miss MOV CMP Data [R2]

Data Place Holder Tag 2 LDRIRJ -- hit LDRIRJ -- miss 38 ADD 42 - Late Data Tag 2 [R3] 44 - Late Data Tag 1 [R1] MON SUB Fig. 3 Instruction Trace Stream Trace Stream

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Data Place Holder Operding
48 LDR[RI]--miss CMP ADO 52 Data Place Holder 1 perding
54 Late Data [RI] LOR[R]-- hit SO - LDR [R3] - . miss SUB 36 _ LDR[R4] -- miss SX - Onta Place Holder I perding Late Data [R3] Late Oata [RL]

1-ig. 4

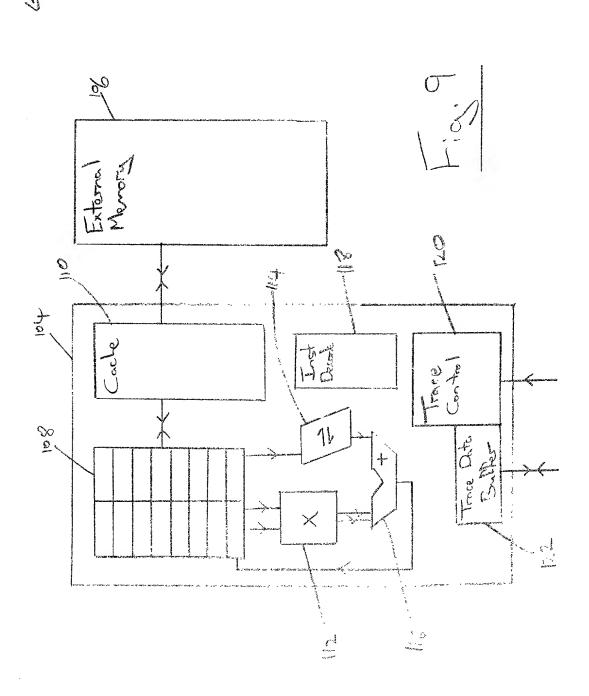


Instruction Stream	<u>Data</u> <u>Stream</u>
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74 MOV	Data [RI] — 1
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Exact Motch	Add Match	Data Match	Trace Activation Point
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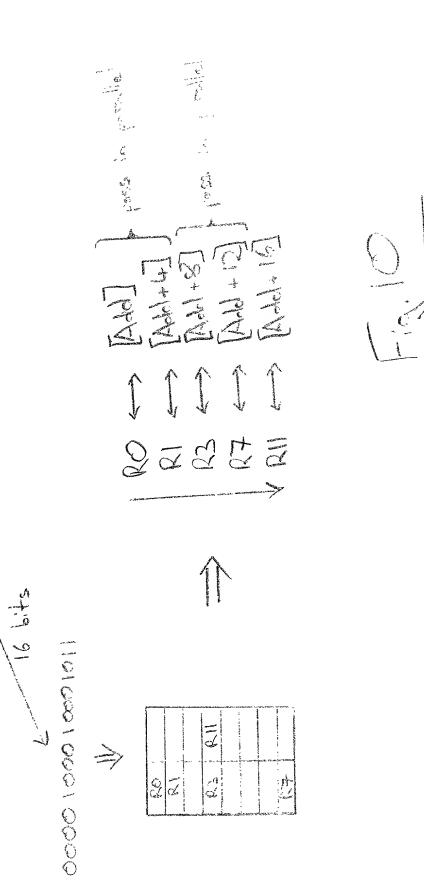
Fig. 8

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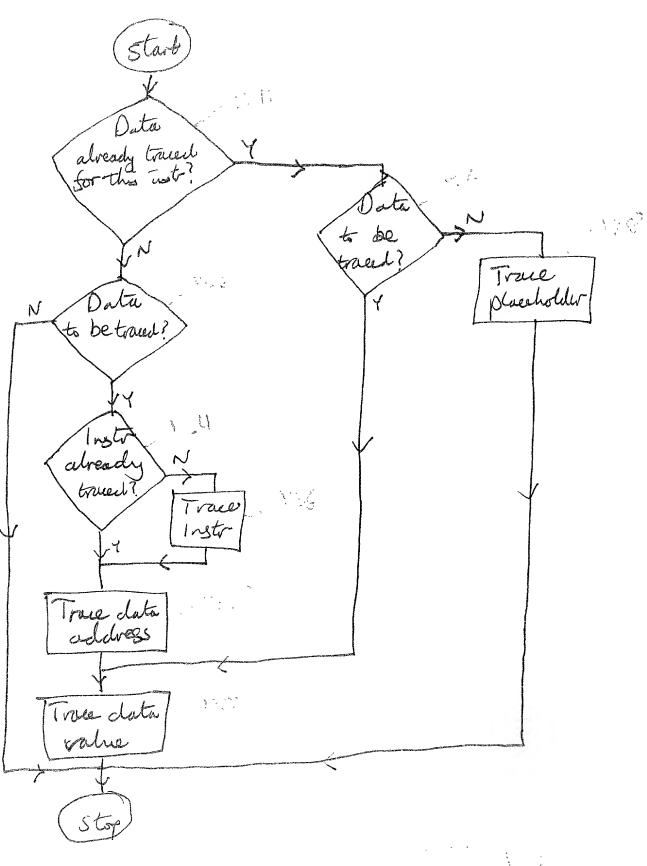


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Trace Cata Stream 15 100 ST Digital And 可是 # 1) ره المحمد المحم

Cost to Book to RS

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France of register transfers to Examine LSM instruction L. 142 and count back to find register of first traced ch trace data to register within 151